

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A molded article comprising a coloured polymer composition comprising

- a propylene nucleated with a polymerized vinyl compound and having a crystallization temperature of at least 7°C higher than that of the corresponding non-nucleated polymer, and
- a non-white or non-black organic colour pigment having a concentration of 2 wt-% to 5 wt-% calculated from the weight of the nucleated propylene polymer

wherein said polypropylene polymer nucleated with a polymerized vinyl compound comprises a propylene polymer polymerized in the presence of a catalyst modified with a polymer containing vinyl compound units and wherein when said coloured article is compared to a polypropylene article made in the same way but without pigment, said coloured article has a delta max for cross direction shrinkage of less than 0.38%.

2. **(Previously Presented)** The molded article according to claim 1, wherein the colour pigment has a nucleating effect on the propylene polymer.

3. **(Previously Presented)** The molded article of claim 1 or 2, wherein the shrinkage of the composition, calculated by comparing a measured dimension of an injection molded box with a nominal mold dimension, varies less than 5% for different colour pigments.

4. **(Previously Presented)** The molded article according to claim 1, wherein the propylene polymer contains about 0.0001 to 1% by weight of units derived from a vinyl compound of the formula



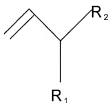
wherein R_1 and R_2 together form a 5 and 6 membered saturated or unsaturated or aromatic ring or they stand independently for a lower alkyl comprising 1 to 4 carbon atoms.

5. **(Previously Presented)** The molded article according to claim 4, wherein the propylene polymer contains units derived from cycloalkane units, 3-methyl-1-butene, styrene, p-methyl-styrene, 3-ethyl-hexene units or mixtures thereof.
6. **(Canceled)**
7. **(Previously Presented)** The molded article according to claim 1, wherein the polymer nucleated with a polymerized vinyl compound comprises a propylene homo- or copolymer blended with a polymer containing polymerized vinyl compound units.
8. **(Previously Presented)** The molded article according to claim 1, wherein the pigment is selected from the group consisting of pigments ranging from yellow to orange, pigments ranging from red to violet and pigments ranging from blue to green.
9. **(Previously Presented)** The molded article according to claim 8, wherein the pigment is selected from the group consisting of isoindolinone, azocondensation, quinacridone, diketo pyrrole pyrrole, and Cu phthalocyanine blue.
10. **(Currently Amended)** A method for controlling shrinkage of a molded article comprising a colored polymer composition comprising

- (a) modifying a polymerization catalyst with vinyl compounds to produce a modified catalyst/polyvinyl combination;
- (b) reacting said modified catalyst with propylene to produce a nucleated propylene polymer; and
- (c) forming said nucleated propylene polymer final product into pellets;
- (d) blending said nucleated propylene polymer final product pellets with a non-white or non-black organic coloring pigment; and
- (e) molding an article.

wherein said organic pigment has a concentration of 2 wt-% to 5 wt-% calculated from the weight of said nucleated propylene polymer final product and said molded composition has a delta max for cross direction shrinkage of less than 0.38% when said article comprised of said coloured composition is compared to an article made in the same way but without pigment.

11. **(Previously Presented)** The method according to claim 10 wherein 100 parts by weight of said nucleated [poly]propylene polymer composition contains about 0.0001 to 1% by weight of units derived from a vinyl compound of the formula



wherein R₁ and R₂ together form a 5 or 6 membered saturated or unsaturated or aromatic ring or they stand independently for a lower alkyl comprising 1 to 4 carbon atoms.

12. **(Previously Presented)** A method for the manufacture of polymer articles comprising subjecting the polymer molded article according to claim 1 to injection molding or

compression molding, thermoforming, blow molding, film or sheet extrusion, or pipe or cable extrusion to obtain polymer articles.

13. **(Previously Presented)** A method according to claim 12, wherein said polymer articles are caps or closures for food, household, hygiene or health-care applications.
14. **(Previously Presented)** The molded article according to claim 5, wherein said propylene polymer contains units selected from units derived from the group consisting of vinyl cyclohexane, vinyl cyclopentane, vinyl-2-methyl cyclohexane or mixtures thereof.
15. **(Currently Amended)** The method according to claim 11, wherein said nucleated propylene polymer is blended with 2 wt% to 5 wt% of a non-white or non-black organic coloring pigment selected from the group consisting of green pigments, red pigments and blue pigments, to provide a colored polypropylene composition, wherein the shrinkage of said colored polypropylene composition varies less than 5% for different color pigments, said shrinkage being calculated by comparing the measured dimension of an injection molded box with the nominal mold dimension.
16. **(Canceled)**